

U.S. GEOLOGICAL SURVEY  
CHARLES D. WALCOTT, DIRECTOR

# STRUCTURE SECTIONS

WYOMING  
CLOUD PEAK QUADRANGLE

## LEGEND

### LEGEND (continued)

#### IGNEOUS ROCKS

SHEET SYMBOL SECTION SYMBOL

Diabase  
(dikes cutting granite only the larger ones shown)

hd og

Hornblende-diorite and olivine-gabbro  
(dikes cutting granite in part hornblende)

hs

Hornblende-schist  
(only the larger areas shown)

gr

Granite  
(gray red and white in part quartzite, veins of quartz-monzonite and quartz-diorite)

Faults

Strike and dip of stratified rocks

Glacial striae

#### SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Qal

Alluvium  
(gravel, sand, and loam, only the larger areas shown)

Qr

Higher terrace deposits  
(gravel and loam)

Ql

Lake deposits  
(mainly silt)

Qn

Névé deposits  
(rock debris accumulated under former snow fields)

Qvt

Valley trains  
(stream gravels)

Qlm

Lateral moraines

Qm

Terminal moraines

Qlg

Later glacial drift  
(only the larger areas shown)

Qeg

Earlier glacial drift  
(boulders and sand deposits in part discontinuous)

Tbg

Boulders, gravel, and sand  
(including volcanic ash and conglomerates high divides and benches)

Kp

Pierre shale  
(dark gray shale)

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Kc

Colorado formation  
(dark shale with lighter sandy beds)

Kcv

Cloverly formation  
(coarse buff sandstone overlain by light-colored clay)

Km

Morrison formation  
(massive sandy shale gray, greenish, and reddish, with local limestone layers)

Jsd

Sundance formation  
(gray shale, soft buff sandstone, and hard thin limestone layers)

UNCONFORMITY

Rc

Chugwater formation  
(soft red sandstone and red shale with thin limestone near top and base, and local gypsum deposits)

Ct

Tensleep sandstone  
(massive cross-bedded, buff and gray sandstone)

Ca

Amsden formation  
(soft red and fine limestone, with much sandstone, red shale and local gray sandstone at base)

Cm

Madison limestone  
(gray limestone upper part massive and lighter-colored)

UNCONFORMITY

Ob

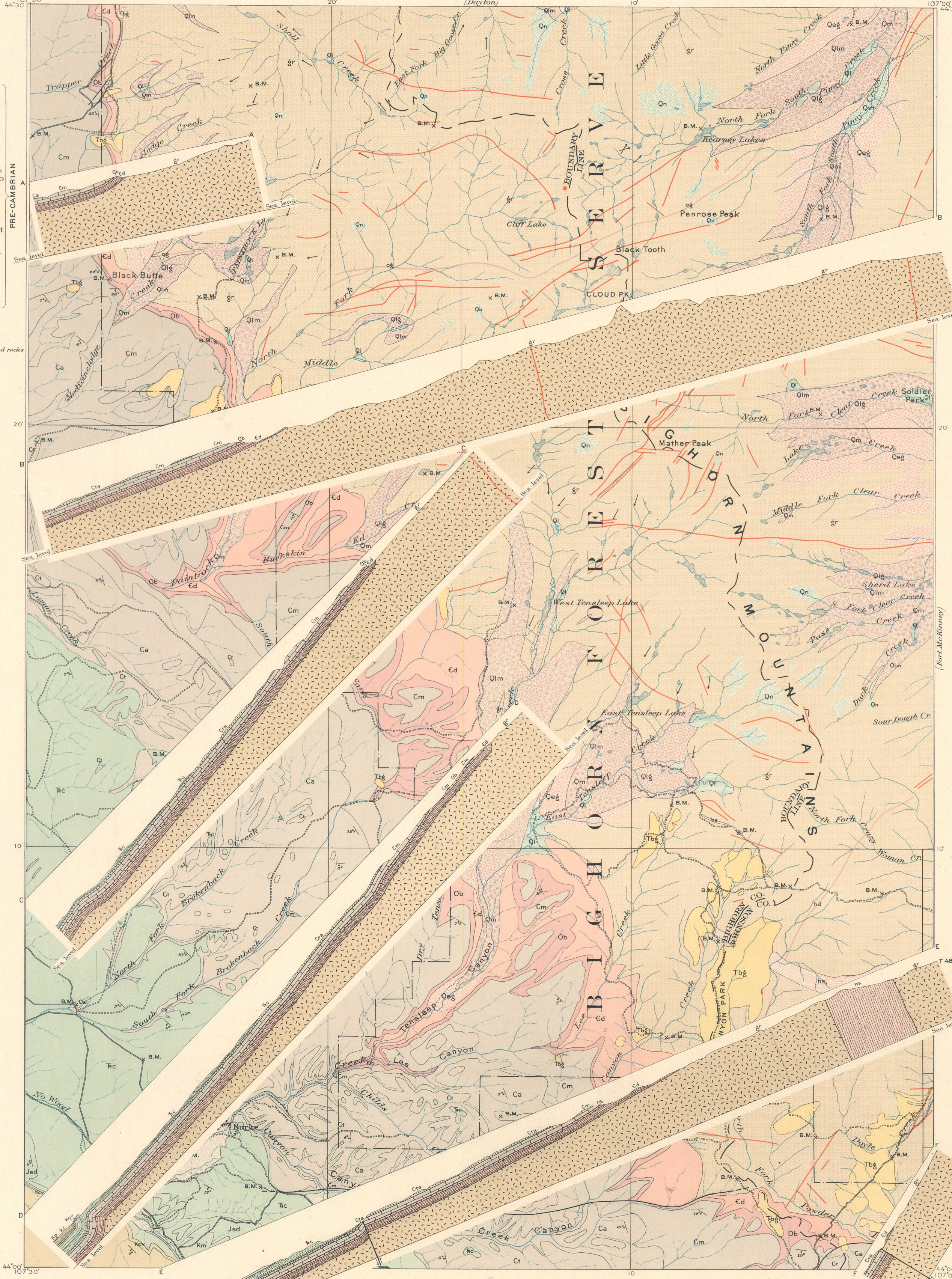
Big Horn limestone  
(massive, buff siliceous limestone, overlain by coralline and thin-bedded limestone, gray sandstone at base)

UNCONFORMITY

Ed

Deadwood formation  
(buff sandstone, green shale, limestone, and limestone conglomerate)

Legend is continued on the left margin.



E.M. Douglas, Geographer in charge.  
Triangulation by T.M. Bannan.  
Topography by H.S. Wallace and F.E. Matthes.  
Surveyed in 1897-99.

Scale 1:250,000  
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General Geology by N.H. Darton,  
assisted by C.A. Fisher.  
Glacial Geology by E.S. Bastin and E. Blackwelder,  
under the direction of R.D. Salisbury.  
Surveyed in 1902 and 1904.